



***NORTHROP GRUMMAN***

*Mission Systems*

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# C2PC Users Conference

Charleston, SC

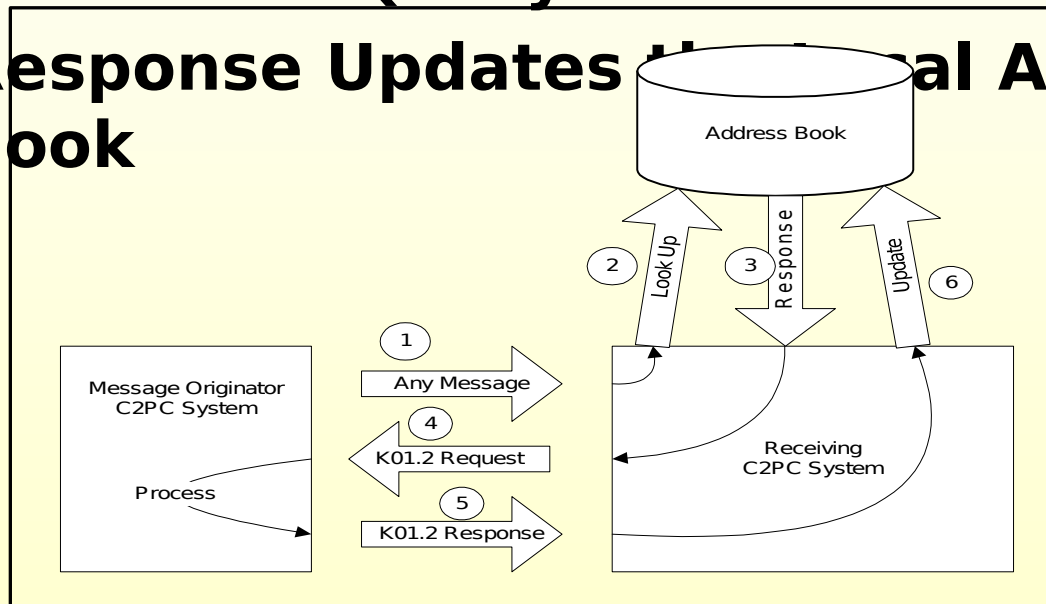
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## New Features in 6.0 Communications

- **CMP**
  - **Integrated Installation**
- **Message Router**
  - **URN Query**
  - **Message Progress Dialog**
  - **Message Log**
  - **Message Forwarding**
  - **Message Splash Alerts**
- **Injectors**
  - **Pos Rep to Track**
  - **NBC Plotting**
  - **Tbmd Injector**
  - **Wizard Upgrades**
- **Address Book**
  - **VMF K05.15 UTO Entry**
  - **New SDK**

## Dynamic URN Query

- **Examines Originator and All 16 Destination URNs**
- **Any Missing from Local Address Book Generates Query**
- **Response Updates Local Address Book**



## Message Progress Dialog

- **Immediate Feedback to “Transmit”**
- **Shows status of outgoing message**
  - **Retransmissions**
  - **Successes**
  - **Reason for Failure**

## Message Manager Log

- **Replaces Old Tac Comm Viewer**
- **Outlook-Style Look & Feel:**
  - **Inbox, Sent, Outbox, Deleted**
  - **Filters on Message Precedence**
  - **Auto Archive**
  - **User Folders**
- **Coming Soon:**
  - **Drag and Drop Messages**

## Message Forwarding

- **Configure on Comms Tab of Tools->Options**
- **Destinations**
  - **No limit**
  - **Must be in local address book**
- **Optional filtering on VMF message type**

## Message Splash Alerts

- **Works w/ Alert Server**
- **For each VMF message type**
  - **Separate Enable**
  - **Customizable pop-up message**
- **Audible and/or visual alert**

## BFT L-band Transceiver

- **Comtech MTS-2011 Satellite Modem**
- **Receive any VMF Message Type**
- **Send GPS PLI K05.1 (primary purpose)**
- **Also can send K01.1 and K04.1**
- **Inter-operates with FBCB2**

## Multicast Group Management

- **Replaces “must send PLI to receive”**
- **Can join group for receive only**
- **Local Address Book multicast groups**
- **Also allow “operator added” group(s)**

## VMF Injector Additions

- **Convert Position Report to Track w/ Fill from Address Book**
- **Selective plotting of Pos Reps**
- **Selective plotting of NBC reports**

## TBMD Injector

- **Plots Received K05.13 Missile Track**
- **Adds track to TBMD Database**
- **Future:**
  - **Creation of Threat Warning Msg on incoming ICSF Data**

## VMF Message Creation Upgrades

- **Standardized date/time entry dialogs**
- **URN/Unit Name Pick List**
- **Tied to Address Book**

## Address Book

- **New Access Database replaces XML**
- **More fields**
- **Full API and SDK - separate from Comms API**
- **API supports**
  - **K05.15 UTO**
  - **Dynamic URN Query**
  - **Auto Fill Track Creation UI**
  - **Advanced third-party add-ons**